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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Complete if Known | |
| | | | | Application Number | Not Yet Assigned |
| | | | | Filing Date | October 20, 2003 |
| | | | | First Named Inventor | Farnworth et al. |
| | | | | Group Art Unit | Unknown |
| | | | | Examiner Name | Unknown |
| | | | | Attorney Docket Number | 2269-5947US (03-03 16.00/US) |
| Sheet | 1 | of | 1 | | |

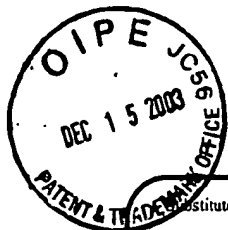
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| Examiner Signature |  | Date Considered | 7/7/05 |
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| Substitute for form 1449A/PTO | | Complete if Known | |
| | | Application Number | 10/690,417 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | Filing Date | October 20, 2003 |
| | | First Named Inventor | Farnworth et al. |
| | | Group Art Unit | Unknown |
| | | Examiner Name | Unknown |
| (use as many sheets as necessary) | | Attorney Docket Number | 5947US (03-0316.00/US) |
| Sheet | 1 | of | 4 |

| U.S. PATENT DOCUMENTS | | | | | |
|------------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials * | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
| | | US- 6,251,488 | 06/26/01 | Miller et al. | |
| | | US- 6,259,962 | 07/10/01 | Gothait | |
| | | US- 6,268,584 | 07/31/01 | Keicher et al. | |
| | | US- 6,337,122 | 01/08/02 | Grigg et al. | |
| | | US- 6,391,251 | 05/21/02 | Keicher et al. | |
| | | US- 6,482,576 | 11/19/02 | Farnworth et al. | |
| | | US- 6,489,007 | 12/03/02 | Grigg et al. | |
| | | US- 6,514,798 | 02/04/03 | Farnworth | |
| | | US- 6,524,346 | 02/25/03 | Farnworth | |
| | | US- 6,544,821 | 04/08/03 | Akram | |
| | | US- 6,544,902 | 04/08/03 | Farnworth | |
| | | US- 6,549,821 | 04/15/03 | Farnworth et al. | |
| | | US- 6,562,278 | 05/13/03 | Farnworth et al. | |
| | | US- 6,585,927 | 07/01/03 | Grigg et al. | |
| | | US- 6,593,171 | 07/15/03 | Farnworth | |
| | | US- 6,635,333 | 10/21/03 | Grigg et al. | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials * | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁴ |
| | | Country Code ² - Number ³ - Kind Code ⁵ (if known) | | | | |
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| | | Group Art Unit | Unknown |
| | | Examiner Name | Unknown |
| | | Attorney Docket Number | 5947US (03-0316 00/US) |
| Sheet | 2 | of | 4 |

| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| PEP | | U.S. Patent Application Publication No. 2002/0066966 A1 to Farnworth, dated June 6, 2002 | |
| PEP | | U.S. Patent Application Publication No. 2002/0098623 A1 to Akram, dated July 25, 2002 | |
| PEP | | U.S. Patent Application Publication No. 2002/0171177 A1 to Kritchman et al., dated November 21, 2002 | |
| PEP | | U.S. Patent Application Publication No. 2002/0182782 A1 to Farnworth, dated December 5, 2002 | |
| PEP | | U.S. Patent Application Publication No. 2003/0003180 A1 to Farnworth et al., dated January 2, 2003 | |
| PEP | | U.S. Patent Application Publication No. 2003/0003380 A1 to Farnworth et al., dated January 2, 2003 | |
| PEP | | U.S. Patent Application Publication No. 2003/0003405 A1 to Farnworth et al., dated January 2, 2003 | |
| PEP | | U.S. Patent Application Publication No. 2003/0043360 A1 to Farnworth, dated March 6, 2003 | |
| PEP | | U.S. Patent Application Publication No. 2003/0068584 A1 to Farnworth et al., dated April 10, 2003 | |
| PEP | | U.S. Patent Application Publication No. 2003/0072926 A1 to Grigg et al., dated April 17, 2003 | |
| PEP | | U.S. Patent Application Publication No. 2003/0077418 A1 to Grigg et al., dated April 24, 2003 | |

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| | | First Named Inventor | Farnworth et al. |
| | | Group Art Unit | Unknown |
| | | Examiner Name | Unknown |
| | | Attorney Docket Number | 59471JS (03-0316 00/1JS) |
| Sheet | 3 | of | 4 |

| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | | | |
|---|--------------------------|---|----------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| PEP | | U.S. Patent Application Publication No. 2003/0089999 A1 to Akram, dated May 15, 2003 | |
| PEP | | U.S. Patent Application Publication No. 2003/0092220 A1 to Akram, dated May 15, 2003 | |
| PEP | | U.S. Patent Application Publication No. 2003/0093173 A1 to Farnworth et al., dated May 15, 2003 | |
| PEP | | U.S. Patent Application Publication No. 2003/0102566 A1 to Farnworth, dated June 5, 2003 | |
| PEP | | U.S. Patent Application Publication No. 2003/0129787 A1 to Farnworth, dated July 10, 2003 | |
| PEP | | U.S. Patent Application Publication No. 2003/0151167 A1 to Kritchman et al., dated August 14, 2003 | |
| PEP | | U.S. Patent Application Publication No. 2003/0201531 A1 to Farnworth et al., dated October 30, 2003 | |
| PEP | | U.S. Patent Application Publication No. 2003/0203158 A1 to Farnworth et al., dated October 30, 2003 | |
| PEP | | U.S. Patent Application Publication No. 2003/0207213 A1 to Farnworth, dated November 6, 2003 | |
| PEP | | MILLER et al., "Maskless Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22 | |
| PEP | | MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16 | |
| PEP | | Webpage, Objet Prototyping the Future, Objet FullCure700 Series, 1 page | |
| PEP | | Webpage, Objet Prototyping the Future, How it Works, 2 pages | |

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| | Application Number | 10/690,417 |
| | Filing Date | October 20, 2003 |
| | First Named Inventor | Farnworth et al. |
| | Group Art Unit | Unknown |
| | Examiner Name | Unknown |
| Attorney Docket Number | | 594711S (03-0316 00/11S) |

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS | | | |
|--|--------------------------|---|----------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| PEP | | U.S. Patent Application No. 09/589,841, filed June 8, 2000, entitled "Stereolithographic Methods for Forming a Protective Layer on a Semiconductor Device Substrate and Substrates Including Protective Layers So Formed", inventor Farnworth et al. | |
| PEP | | U.S. Patent Application No. 09/651,930, filed August 31, 2000, entitled "Semiconductor Device Including Leads in Communication with Contact Pads Thereof and a Stereolithographically Fabricated Package Substantially Encapsulating the Leads and Methods for Fabricating the Same", inventor Salman Akram | |
| PEP | | U.S. Patent Application No. 10/370,755, filed February 20, 2003, entitled "Chip Scale Package Structures and Method of Forming Conductive Bumps Thereon", inventor Warren M. Farnworth | |
| PEP | | U.S. Patent Application No. 10/608,749, filed June 26, 2003, entitled "Methods for Labeling Semiconductor Device Components", inventor Grigg et al. | |
| PEP | | U.S. Patent Application No. 10/619,918, filed July 15, 2003, entitled "Stereolithographic Methods for Fabricating Hermetic Semiconductor Device Packages and Semiconductor Devices Including Stereolithographically Fabricated Hermetic Packages", inventor Warren M. Farnworth | |
| PEP | | U.S. Patent Application No. 10/672,098, filed September 26, 2003, entitled "Apparatus and Methods for Use in Stereolithographic Processing of Components and Assemblies", inventor Warren M. Farnworth | |
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